ELEMENT™ ELECTRONICS

ELEFS241

24" Full HD Digital LED TV

INSTRUCTION MANUAL

Please read all the instructions carefully before using this TV, and keep the munual for future reference.

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IMPORTANT SAFETY INSTRUCTIONS

- **Read these instructions** – All the safety and operating instructions should be read before this product is operated.
- **Keep these instructions** – The safety and operating instructions should be retained for future reference.
- **Heed all warnings** – All warnings on the appliance and in the operating instructions should be adhered to.
- **Follow all instructions** – All operating and use instructions should be followed.
- **Do not use this apparatus near water** – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
- Clean only with dry cloth.
- **Do not** block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Do not** install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Do not** defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.

- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as the power supply cord or plug is damaged, liquid has been spilled, or objects have fallen into the apparatus, or the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Please keep the unit in a well-ventilated environment.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus should not be exposed to dripping or splashing. Objects filled with liquids, such as vases should not be placed on apparatus.
WARNING: The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
WARNING: The wall socket plug is used as a disconnect device, the disconnect device should be readily accessible.
WARNING: To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.

This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

ADDITIONAL SAFETY INFORMATION

To ensure reliable and safe operation of this equipment, please read carefully all the instructions in this user guide, especially the safety information below.

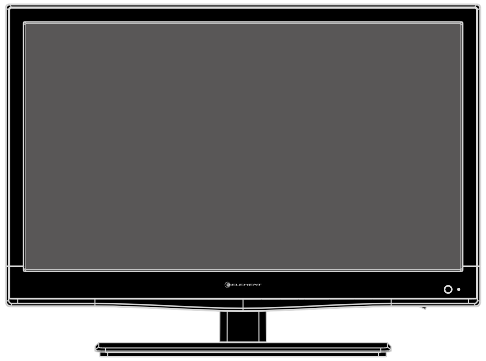
Electrical Safety

- The TV set should only be connected to a main power supply with voltage that matches the label at the rear of the product.
- To prevent overload, do not share the same power supply socket with too many other electronic components.
- Do not place any connecting wires where they may be stepped on or tripped over.
- Do not place heavy items on them, which may damage the leads.
- Hold the main plug, not the wires, when removing from a socket.
- During a thunderstorm, or when not using the television for extended period of time, turn off the power switch on the back of the television.
- Do not allow water or moisture to enter the TV or power adapter. Do NOT use in wet, moist areas, such as bathrooms, steamy kitchens or near swimming pools.
- Pull the plug out immediately, and seek professional help if the main plug or cable is damaged, liquid is spilt onto the set, if accidentally exposed to water or moisture, if anything accidentally penetrates the ventilation slots or if the set does not work normally.
- Do not remove the safety covers. There are no user serviceable parts inside. Trying to service the unit yourself is dangerous and may invalidate the product's warranty. Qualified personnel must only service this apparatus.
- To avoid battery leakage, remove exhausted batteries from the remote control, or when not using for long period.
- Do not break open or throw exhausted batteries on a fire.

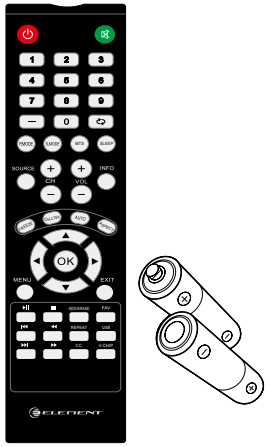
Physical Safety

- Do not block ventilation slots in the back cover. You may place the TV in a cabinet, but ensure at least 5cm (2'') clearance all around.
- Do not tap or shake the TV screen, or you may damage the internal circuits. Take good care of the remote control.
- To clean the TV use a soft dry cloth. Do not use solvents or petroleum based fluids.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong, the wide blade, or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs.
- Unplug the apparatus during lightning storms or when unused for long periods.
- Refer all servicing to a qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled, or objects have fallen into the apparatus, has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Please always connect your television to a power outlet with protective ground connection.

What is Included?



TV Set



Remote Control with Batteries

ELEMENT ELECTRONICS
ELEFJ243
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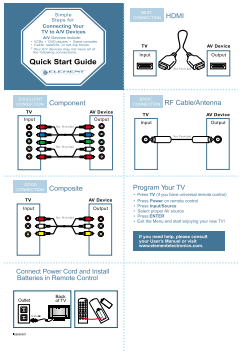
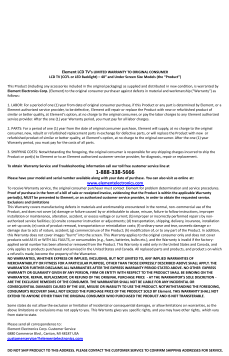
User Manual



Quick Start Guide



Warranty Card

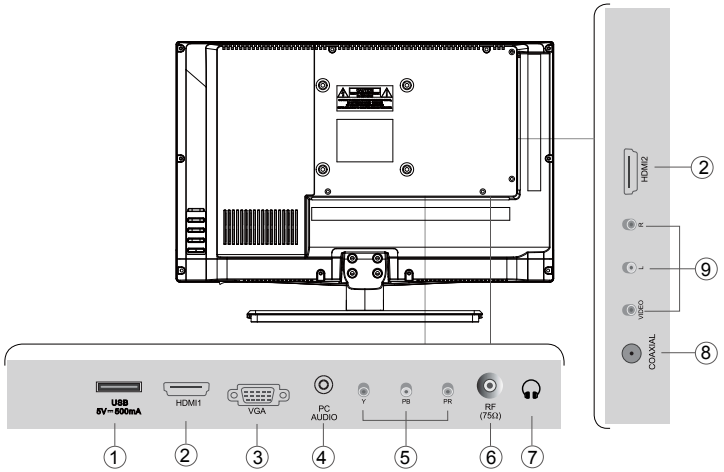
Front View

IR
Infraed Receiver.

LED
The LED light indicates when the LED TV is activated.

- ⏻
  Switch the TV between On / Standby mode.
- **SOURCE**
  Press to select among different input signal sources.
- **MENU**
  Display the OSD (on screen display) menu.
- **CH ∧/∨**
  Press to select a channel.
- **VOL +/-**
  Press to adjust the volume.

Rear View



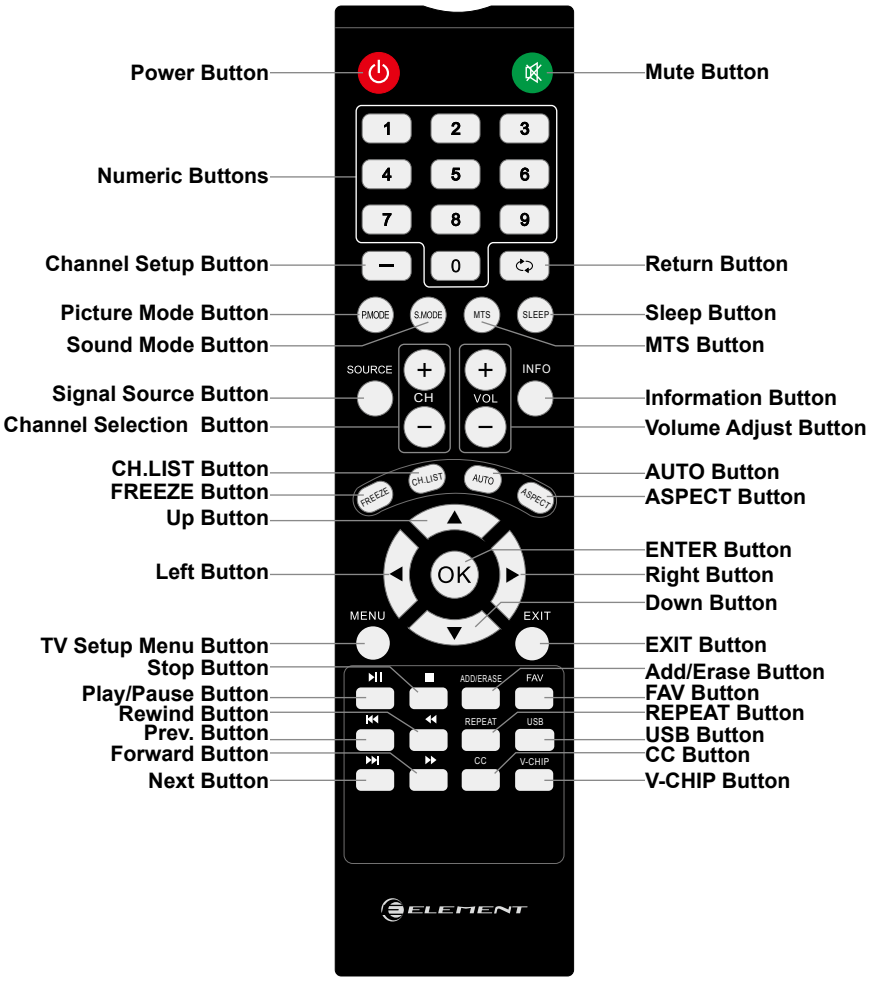
1. **USB Input**
2. **HDMI1/ HDMI2 Input**
3. **VGA Input**
4. **PC Audio Input**
5. **Component input**
6. **Antenna Input (75Ω VHF/UHF)**
7. **Headphone output**
8. **Coaxial Audio Signal Output Socket**
9. **AV Input**

Wall Mounting

The TV is provided with mounting holes for a VESA approved wall mounting bracket (Not Supplied). Remove the screws holding the base to the base bracket and lift the base away (do not remove the base mounting brackets). Mount the VESA bracket using 4*M4 isometric threaded screws (Not Supplied). The screws must not protrude into the TV by more than 10mm, or damage will occur to the internal parts.

Your new TV is heavy, please consult with professional wallmount installer to perform this installation.

Remote Control



- If there is light around the TV, the remote control may fail or work abnormally.
- Please remove the batteries from the remote control when not in use for a long period time.
- Actual function for remote control keys prevails.
- To prevent battery leakage which may result in bodily injury or damage to the remote:
  1. Install all batteries correctly, and as marked on the remote control.
  2. Do not mix old and new batteries and do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries.

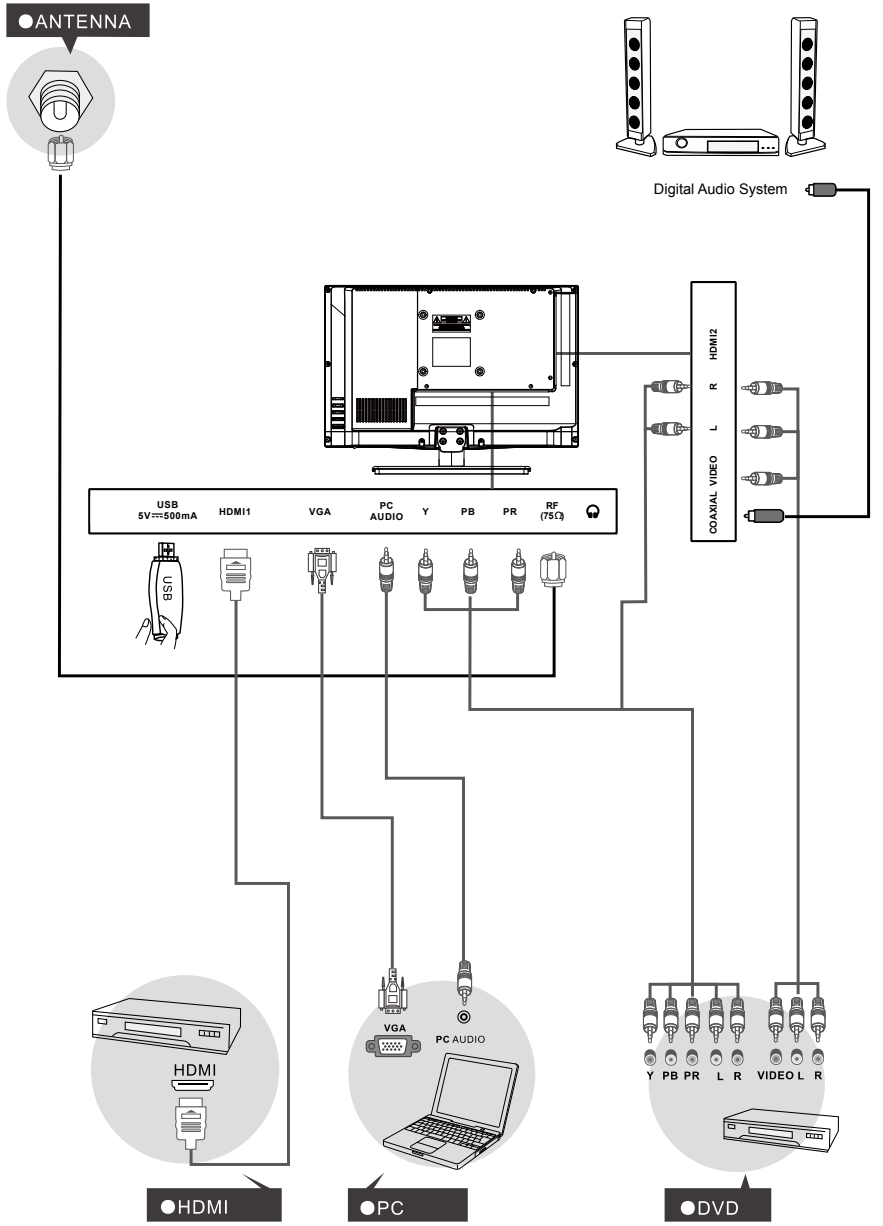
PREPARATIONS

Remote Control

TV Operation	
⏻	Switch the TV between on and standby mode.
🔇	Mute and restore your TV sound.
0~9	Select a program (ATV/DTV mode)
—	Enter multiple program channel number , such as 2-1.
⮌	Return to previous viewing channel.
P.MODE	Select picture mode: Dynamic/Movie/Natural/User/Standard.
S.MODE	Select sound mode: Standard/Music/Movie/User.
MTS	Switch among different audio channels: STEREO/MONO/SAP.
SLEEP	Set the TV sleep timer: off/5/10…/180/240 min.
SOURCE	Select among the different input signal sources: TV/AV/Component/ HDMI1/HDMI2/VGA/USB.
INFO	Display the present screen information such as the current channel and input source.
CH+/-	Select a channel.
VOL+/-	Adjust the volume.
FREEZE	Freeze the picture.
CH.LIST	Display program list.
AUTO	Automatically adjust the Horizontal/Vertical position in PC (VGA) mode.
ASPECT	Select the aspect ratio settings:Normal/Wide/Zoom/Cinema.
◀ ▲ ▼ ▶	Allows you to navigate the OSD menus and adjust the system settings to your preference.
OK	Confirm the selection in the OSD 'on screen display' menus.
MENU	Display the OSD 'on screen display' menu.
EXIT	Exit the OSD 'on screen display' menu.
ADD/ERASE	Add or delete Favorite channels.
FAV	Display the favorite channel list.
USB	Access into the USB directly.
CC	Closed Caption selection: Off/On/CC on Mute.
V-CHIP	Set up parental control.

USB Operation	
⏯	Press to pause or resume the playback.
■	Press to stop the playback and clear the existing memory.
⏮ / ⏭	Press to skip between chapters.
◀◀ / ▶▶	Press to adjust the playback speed.
REPEAT	Press repeatedly to select the repeat mode.

CONNECTING EXTERNAL DEVICES



Turning On/Off Your TV

- Connect the power cord to the power socket after you have completed all the physical connections. At this stage, the TV will enter Standby Mode and the red LED indicator will illuminate.
- In Standby Mode, press the ⏻ button on the main unit or on the remote control to turn the TV on. The red LED indicator will turn blue.

The **POWER** button on the main unit or on the remote control can only switch the TV into standby. To completely turn off the TV, please disconnect the power cord from the power socket.

Setup Wizard

- If you are turning on your LED TV for the first time, you will see the following menu below.
- Please select Home Mode or Standard Mode to continue.

Home Mode (Energy Saving) is the default as-shipped television configuration and settings. And Home Mode (Energy Saving) is the setting in which the product qualifies for ENERGY STAR. Any changes to default as-shipped television configuration and settings would change the energy consumption. And enabling certain optional features and functionalities may increase energy consumption beyond the limits required for ENERGY STAR qualification, as applicable.

ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and pratices.

- Press Yes to confirm.

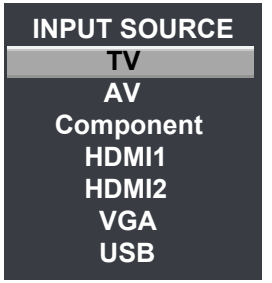
Note: If you want to change the modes between Home Mode(Energy Saving) and Standard Mode, you can change the setting in the Setup Menu under Display Mode.

- Press the ◀/▶▲/▼ buttons to select your desired mode and press **OK** button to confirm.

Menu Language	Select your desired language to be displayed on the menu. The default on-screen menu language is set as English.
Air/Cable	Select antenna between Air and Cable.
Cable System	Select Cable system: Auto, STD, IRC, HRC.
Auto Scan	Search and store the available channels automatically.

Selecting the Input Source

- Press the **SOURCE** button on the main unit or on the remote control to display the Input Source list.
- Press the ▲/▼ buttons to select your desired input source among: TV/AV/ Component/HDMI1/HDMI2/VGA/USB and then press **OK** button to confirm.



Channel Selection

- Press the **CH+/CH-** buttons on the main unit or on the remote control repeatedly to select the channel.
- Press the **0-9** buttons on the remote control to select the channel directly.

Press "4", and then press **OK** button to select channel 4.
Press "4" and "5", and then press **OK** button to selecct channel 45.
Press "1", "2" and "3", and then press **OK** button to select channel 123.

Volume Adjustment

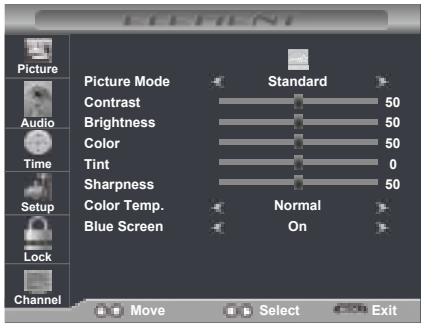
- Press the **VOL+/-** buttons on the main unit or on the remote control to adjust the volume.
- If you wish to switch the sound off, press the 🔇 **MUTE** button again or the **VOL+** button to resume the sound.

Navigating the On-screen Display

- Press the **MENU** button to display the main menu.
- Press the ▲/▼ buttons to navigate and select the available menus.

Picture Settings

- Press the **MENU** button on the main unit or on the remote control then press the ▲/▼ buttons to select **PICTURE** menu and then press the ▶ or the **OK** button to enter.
- Press the ▲/▼ buttons to select the following picture options and then press the ◀/▶ buttons to adjust each option's setting.



Picture Mode	Cycle among picture modes: Standard/Dynamic/ Movie/Natural/User. **Alternative:** you may press the **P.MODE** button to select the picture mode directly.
Contrast	Adjust the difference between light and dark levels in the pictures. *(For User mode)*
Brightness	Increase or decrease the amount of white in the picture. *(For User mode)*
Color	Control the color intensity. *(For User mode)*
Tint	Adjust the balance between red and green levels.
Sharpness	Adjust the level of crispness in the edges between light and dark areas of the picture. *(For User mode)*
Color Temperature	Cycle among color temperature: Cool/Normal/Warm.
Blue Screen	Allow the blue background to turn **On/Off** during weak or no signal conditions.

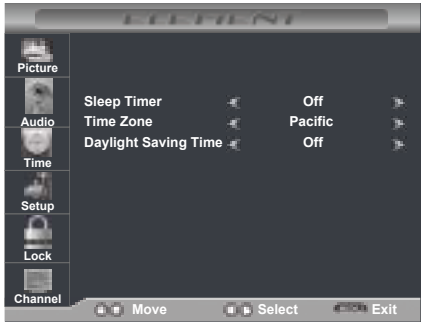
Audio Settings

- Press the **MENU** button on the main unit or on the remote control then press the ▲/▼ buttons to select **AUDIO** menu and then press the ▶ or the **OK** button to enter.
- Press the ▲/▼ buttons to select the following audio options and then press the ◀/▶ buttons to adjust each option's setting.

Sound Mode	Allow the selection of an audio-enhancement technique: Standard/Music/Movie/User. **Alternative:** You may press the **S.MODE** button to select the sound mode directly.
Bass	Control the relative intensity of lower-pitched sounds. *(For User mode)*
Treble	Control the relative intensity of higher-pitched sounds. *(For User mode)*
Balance	Adjust the audio output between the left and the right speakers.
Surround Sound	Provide an enhanced listening experience.
Auto Volume	Volume levels are automatically controlled.
SPDIF Mode	Select the digital audio output mode between RAW/ PCM.
Audio Language	Select audio language among: English, French, Spanish.

Time Settings

- Press the **MENU** button on the main unit or on the remote control then press the ▲/▼ buttons to select **TIME** menu and then press the ▶ or the **OK** button to enter.
- Press the ▲/▼ buttons to select the following time options and then press the ◀/▶ button to adjust each option's setting.

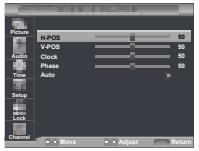
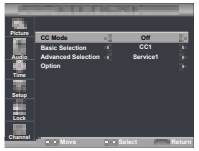


Sleep Timer	Select a period of time after which the TV automatically switches to standby mode: off/5/10/…/180/240 min. **Alternative:** You may press the **SLEEP** button repeatedly to select the number of minutes directly.
Time Zone	Select a Time Zone among: Pacific/Alaska/Hawaii/ Eastern/Central or Mountain.
Daylight Saving Time	Select to turn **On/Off** daylight saving time.

CUSTOMIZING TV SETTINGS

Setup Menu

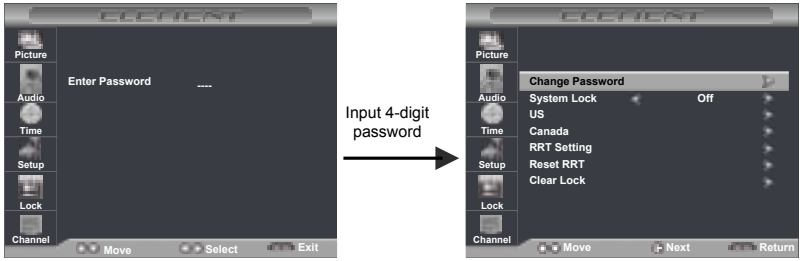
- Press the **MENU** button on the main unit or on the remote control then press the ▲/▼ buttons to select **SETUP** menu and then press the ▶ or the **OK** button to enter.
- Press the ▲/▼ buttons to select the following setup options and then press the ◀/▶ buttons to adjust each option's setting.

Menu Language	Select menu language among: English, Français or Español. The default on-screen menu language is English.	
Transparency	Select to turn **On/Off** transparency function.	
Zoom Mode	Select zoom mode among: Normal/Wide/Zoom/Cinema.	
Noise Reduction	Reduce the noise level of the connected device: Off/ Weak/Middle/Strong.	
Advanced	Adjust the PC desktop content. (VGA source mode only) 	
Closed Caption	Allows you to turn closed captioning of audio on or off, select analog or digital modes, or personalize the captioning style. 	
	CC Mode	Select CC mode among: On, Off or CC on Mute.
	Basic Selection	Select analog mode among: CC1, CC2, CC3, CC4, Text1, Text2, Text3, Text4.
	Advanced Selection	Select digital mode among: Service1~6.
	Option	Personalize the captioning style,such as the size and color of the digital caption.
DLC	Select to turn **On/Off** the dynamic luminance control.	
Display Mode	Press ▲/▼ and then use ◀/▶ to select Home Mode and Standard Mode.	
Restore Default	Restore the TV to factory default settings.(Except the lock settings)	

CUSTOMIZING TV SETTINGS

Lock Settings

- Press the **MENU** button on the main unit or on the remote control and then press the ▲/▼ buttons to select **LOCK** menu.
- Use the **0-9** buttons to input 4-digit password to enter the **LOCK** menu.
- Press the ▲/▼ buttons to select the following options and then press the ◀/▶ buttons to adjust each option's setting.



The default password is "0000".

Change Password	Use **0-9** buttons to input the old password and then input the new 4-digit password. Re-enter new password for confirmation.	
System Lock	Select to turn **On/Off** system lock. The following options (US, Canada, RRT Setting and Reset RRT) will only be accessible when you turn the system lock on.	
US	TV	TV RATING: Press **OK** button to lock or unlock TV rating.
	MPAA	Select MPAA rating among: N/A,G, PG, PG-13, R, NC-17,or X.
Canada	Canada English	Select MPAA rating for English-speaking Canada among: E, C, C8+, G, PG, 14+, 18+.
	Canada French	Select MPAA rating for Quebec Canada among: E, G, 8 ans+, 13 ans+, 16 ans+, 18 ans+.
RRT Setting	Set Rating Region Table.	
Reset RRT	Select to reset the RRT setting.	
Clear Lock	Clear all lock settings.	

Parental Control

Press the **MENU** button on the main unit or on the remote control and then press the ▲/▼ buttons to select **LOCK** menu. Use the **0-9** buttons to input 4-digit password to enter the **LOCK** menu. If used, this option feature can "block" undesirable programming from appearing on the TV. Parental Control offers the user a wide variety of options and settings that restrict or "block" the programming that can appear on the TV. Parental Control allows the user the capability of defining which program rating they consider acceptable to the younger more sensitive viewer. It can be preset and turned either on or off by the user who specifies the secret 4-number code, the password. The number of hours blocked are specified. General audiences and children blocks should be both programmed into the TV's memory. Viewer ratings are specified for both TV and the motion picture Industry; both rating systems should be used, for complete coverage. The ratings are based on the ages of children.

Overview

To ensure complete coverage for all TV programs, (movies and regular TV shows) choose a rating for MPAA, from the selections below,as well as ratings from the TV Parental Guidelines Rating Systems below, using the Age Block option for General Audiences, and for children. In addition to those, you may wish to add additional restrictions from the content block menu, and submenus examples below.

Things to Consider before Setting up Parental Control

Determine which rating you consider acceptable to the viewer. (For example,if you choose TV-PG, more restrictive ratings will be automatically blocked; the viewer will not be able to see: TV-PG,TV-14,or TV-MA rated programming.) Do you want to block the auxiliary video source entirely? (Blocks the signal sent by the equipment, such as VCR, connected to the TV Audio/VIdeo Input Jacks) Or leave unblocked, then choose allowable ratings. Block program "Content" based on individual parameters such as: Strong Dialog, Bad Language, Sex Scenes,Violence Scenes, or Fantasy. Violent Scenes; in Content Blk option. Select a secret password, in the Set Password option, using the numbers keys on the remote control. Do not forget the password, it is the only way you can access the Parental Control menu and change rating selections, or turn Parental Control off.Do you want the Parental Control to be active at all times? If not, you can turn it on or off with the Lock On/Off option.

- You can set different Parental Control viewing restrictions for general audiences and for children, both can be active at the same time.
- Simply specifying one content block such as Sex Scenes, will not automatically restrict the programming that appears from the video sources.
- Even If you choose to leave the AUX Inputs unblocked, the ratings you specify will automatically restrict the programming that appears from the video sources.
- You can not disable Parental Control by disconnecting the TV from power. Block hours will be automatically reset to the original block time setting specified if power is disconnected.

Motion Picture Association of America (MPAA) Rating System

Grade		Meaning
G	General Audiences	Content not offensive to most viewers.
PG	Parental Guidance Suggested	Content is such that parents may not want their children to view the program.
PG-13	Parents Strongly Cautioned	Program is inappropriate for preteens, with a greater degree of offensive material suggested than a PG rated program.
R	Restricted	Not for children under 17, strong element of sex and/or violence.
NC-17	No children under age 17	Not for children under 17 under any circumstances. Strong sexual content.
X	Hard Core Films	Same as NC-17 rating.
No Rating	No Rating	MPAA Not Rated

TV Parental Guideline Rating System

Grade		Meaning
TV-Y	All Children	Content not offensive to most viewers.
TV-Y7	Directed to Older Children	Considered suitable for children over 7, may contain fantasy violence scenes.
TV-G	General Audience	Considered suitable for all audience; children may watch unattended.
TV-PG	Parental Guidance Suggested	Suggested unsuitable for younger children, may contain suggestive language, bad language, sex and violence scenes.
TV-14	Parents Strongly Cautioned	Unsuitable for children under 14, may contain strong language, bad language, sex and violence scenes.
TV-MA	Mature Audience Only	Adults only, may contain strong language, bad language, sex and violence scenes.

Canadian Rating:

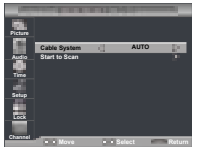
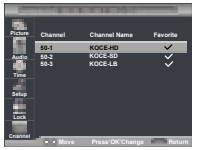
- *Canadian English is used throughout all English-speaking Canada (C, C8+,G, PG,14+, 18+).*
- *Canadian French is used in Quebec (G,8 ans+, 13 ans+,16 ans+, 18 ans+).*

The V-Chip will automatically block certain categories that are "more restrictive".If you block TV-Y category,then TV-Y7 will be automatically blocked. Similarly,if you block TV-G category, then allthe categories in the "young adult" will be blocked (TV-G, TV-PG,TV-14,and TV-MA).

CUSTOMIZING TV SETTINGS

Channel Settings

- Press the **MENU** button on the main unit or on the remote control and then press the ▲/▼ buttons to select **CHANNEL** menu.
- Press ▲/▼ buttons to select the following channel options and then press the ◀/▶ buttons to adjust each option's setting.

Air/Cable	Select antenna between Air and Cable.
Auto Scan	Find and store all available channels automatically. • Allows you to select cable system among Auto/STD/IRC/ HRC before going to auto scan if you choose **Cable** as input signal.  • It will go straight to auto scan if you choose **Air** as input signal.
Favorite	Set the selected channel as one of the favorite programs. 
Show/Hide	Show/Hide the selected channel.
Channel No.	Display the current channel number.
Channel Label	Display the current channel label.
DTV Signal	Display the quality of current DTV signal.

USB MULTIMEDIA

Listening to Music

- Press the **SOURCE** button on the main unit or on the remote control then press the ▲/▼ buttons to select the **USB** mode and then press **OK** button.
- Press the ◀/▶ buttons to select **MUSIC** and then press **OK** button.

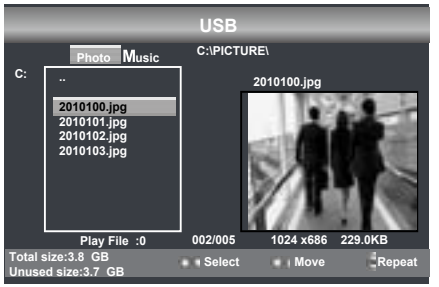
File format supported: MP3

Viewing Pictures

- Press the **SOURCE** button on the main unit or on the remote control then press the ▲/▼ buttons to select the **USB** mode and then press **OK** button.
- Press the ◀/▶ buttons to select **PHOTO** and then press **OK** button.

File format supported: JPEG.

- You can select a background music to play when you view the photos. The music and photo files should be exactly in the same folder.



Operation Tips

⏯	Press to start or pause the music or photo playback.
■	Press to stop music or photo playback.
⏮	Press to play the previous track or view the previous photo.
⏭	Press to play the next track or view the next photo.
◀◀	Press to speed up backward.
▶▶	Press to speed up forward.
REPEAT	Press to select different repeat mode.

TROUBLESHOOTING

If your TV does not operate normally or cannot be turned on, please check the following troubleshooting questions. Remember also to check any other connected electronic device, such as DVD or blu-ray player to pinpoint the problem. If the TV still fails to operate normally, please contact technical support (Refer to Warraty page).

SYMPTOM	POSSIBLE CAUSE	REMEDY
Dead. No LED lit	No power to the TV.	• Check all connections to the TV's AC socket.
Dead. No LED lit red	Set in standby mode.	• Press either the Power button or the Standby button on the remote control.
Blue screen	No signal.	• Press the SOURCE button to select the correct source.
	Incorrect source selected.	
Noisy, snowy, ghosting picture (TV)	Poor antenna signal.	• If using an indoor antenna, try adjusting the antenna position. Check antenna connections.
No sound	Sound "Mute".	• Turn sound "Mute" off.
	Volume set too low.	• Check volume settings.
	External leads not connected "if used".	• Check that all external leads are connected properly.

TROUBLESHOOTING

Before contacting the service technician, perform the following simple checks. If any problem still persists, unplug the LED TV and call for assistance.

PROBLEM	POSSIBLE SOLUTIONS
No sound and picture	• Check that the main plug has been connected to a wall outlet. • Check that you have pressed the POWER on the front of the TV set. • Check the picture contrast and the brightness setting.
Red LED indicator lights	• Set in standby mode. Press either the Power button or the Standby button on the remote control.
Normal picture but no sound	• Check the volume. • Sound muted? Press the MUTE button. • Try another channel, the problem may be with the broadcast. • Are the audio cables installed properly?
The remote control does not work	• Check to see if there are any objects between the TV and remote control causing obstruction. • Are batteries installed with correct polarity (+/-)? • Correct remote operating mode set: TV, VCR, etc? • Install new batteries.
Power suddenly turns off	• Is the sleep timer set? • Check the power connection, power may be interrupted. • No broadcast on the station tuned.
Picture appears slowly after switching on	• This is normal, the image is muted during the product start up process. Please contact a service provider if the picture has not appeared after 5 minutes.
Poor color or picture	• Adjust the color in Menu option. • Keep a sufficient distance between the product and the VCR. • Try another channel, the problem may be with the broadcast. • Are the VIDEO cables installed properly? • Activate any function to restore the brightness of the picture.
Horizontal/vertical bars or picture shaking	• Check for local interference, such as an electrical appliance or power tool.
Blue screen	• Press the SOURCE button to select correct source.
Poor reception on some channels	• Station or cable experiencing problems. Tune to another station. • Station signal is weak, reorient antenna for better reception. • Ckeck for sources of possible interference.
Lines or streaks in pictures	• Check the antenna (change the direction of the antenna).
No output from one of the speakers	• Adjust balance in the Menu option.

TROUBLESHOOTING

Note: When there is a problem in VGA mode (only when VGA mode is applied).

PROBLEM	POSSIBLE SOLUTIONS
The signal is out of range	• Adjust resolution, horizontal or vertical frequency. • Check whether the signal cable is connected or loose. • Check the input source.
Vertical bar or strip on the background, horizontal noise and incorrect position	• Set the auto configure or adjust clock, phase, or H/V position.
Screen color is unstable or is a single color	• Check the signal cable. • Reinstall the PC video card.

Maintenance

Early malfunction can be prevented. Careful and regular cleaning can extend the amount of time you will have with your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Clean the screen

A great tip to dust off your screen: wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then use to wipe the screen.
Make sure the excess water is off the screen, then let air-dry before you turn on the TV.

Cleaning the cabinet

To remove dirt or dust, wipe the cabinet with a soft, dry, line-free cloth. Please be sure not to use a wet cloth.

FCC NOTES

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed or used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulation.

SPECIFICATIONS

Panel Size	23.6 inches diagonally
Display Type	LED
Panel Technology	TFT
Panel 60 Hz Vs. 120 Hz	60 Hz
Display Resolution	1080P
HDMI & Component Support	Up to 1080P
Panel Resolution	1920 x 1080
Aspect Ratio	16:9
Dynamic Contrast Ratio-Panel	1000:1
Brightness (Centre Typ.) Cd/M²	220
Response Time (G To G)	5 ms
Lamp Life (Typ. Hours)	50000 hours
Horizontal Viewing Angle (At CR>20)	140
Vertical Viewing Angle (At CR>20)	130
TV System	ATSC/NTSC
Channel Range	VHF/UHF

Design and specifications are subjects to change without prior notice.

This product contains electrical or electronic materials. The presence of these materials may, if not disposed of properly, have potential adverse effects on the environment and human health. Presence of this label on the product means it should not be disposed of as unsorted waste and must be collected separately. As a consumer, you are responsible for ensuring that this product is disposed of properly.

This TV incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.